8/19/83
A2575-1

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *AUGUST* 12, 1983 **NO.** 32

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 08/12/83	Last Week Ending: 08/05/83	Last Year Week Ending: 08/13/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units*	12,397	12,666	12,320	- 269	+ 77
Operable capacity	16,294	16,294	17,382	0	- 1,088
Percent operated	76.1	77.7	70.9		
Motor Gasoline					
Total motor gasoline production	6,628	6,598	6,421	+ 30	+ 207
Finished leaded motor gasoline production	2,928	2,854	*N/A*	+ 74	*N/A*
Finished unleaded motor gasoline production	3,700	3,744	*N/A*	- 44	*N/A*
Total motor gasoline stocks	227,112	225,706	226,635	+ 1,406	+ 477
Finished leaded motor gasoline stocks	97,216	96,208	*N/A*	+ 1,008	*N/A*
Finished unleaded motor gasoline stocks	90,070	90,215	91,482	- 145	- 1,412
Distillate Fuel Oil					
Distillate fuel oil production	2,591	2,536	2,537	+ 55	+ 54
Distillate fuel oil stocks	134,568	129,384	152,665	+ 5,184	- 18,097
Residual Fuel Oil					
Residual fuel oil production	723	738	983	- 15	- 260
Residual fuel oil stocks	47,336	47,566	52,943	- 230	- 5,607
Imports					
Crude oil imports	3,600	3,214	3,744	+ 386	- 144
Product imports	1,734	1,972	1,321	- 238	+ 413
Crude Oil Stocks					
Crude oil stocks	341,387	343,976	351,546	- 2,589	- 10,159

*Scheduled and unscheduled shutdowns caused decreases of 152,000 bbl. per day in the Texas Gulf Coast District and 98,000 bbl. per day in District 5 (West Coast).

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,193	1,045	1,071	1,229	87.1
Appal. No. 1	83	81	82	177	46.3
DISTRICT 1 TOTAL	1,276	1,126	1,153	1,406	82.0
Appal. No. 2	67	64	67	66	101.5
Ind., Ill., Ky.	1,951	1,890	1,919	2,345	81.8
Minn., Wis., Daks.	284	275	285	296	96.3
Okla., Kans., Mo.	736	670	703	827	85.0
DISTRICT 2 TOTAL	3,038	2,899	2,974	3,534	84.2
Inland Texas	549	492	508	585	86.8
Texas Gulf Coast	3,222	3,007	3,098	3,907	79.3
La. Gulf Coast	1,970	1,753	1,781	2,875	61.9
N. La. and Ark.	204	187	194	286	67.8
New Mexico	97	77	81	105	77.1
DISTRICT 3 TOTAL	6,042	5,516	5,662	7,758	73.0
DISTRICT 4 TOTAL	410	443	454	536	84.7
DISTRICT 5 TOTAL	2,156	2,128	2,154	3,060	70.4
TOTAL U.S.	12,922	12,112	12,397	16,294	76.1
TOTAL U.S. Weeks Ended:					
AUG. 5, 1983	13,102	12,322	12,666	16,294	77.7
AUG. 13, 1982	13,276	11,942	12,320	17,382	70.9
DISTRICTS 1–4 Weeks Ended:					
AUG. 12, 1983	10,766	9,984	10,243	13,234	77.4
AUG. 5, 1983	10,843	10,094	10,414	13,234	78.7
AUG. 13, 1982	11,095	9,931	10,262	14,290	71.8

API WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 12, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	559	207	352	34	34	259	92
Appal. No. 1	27	13	14	1	--	21	3
DISTRICT 1 TOTAL	586	220	366	35	34	280	95
Appal. No. 2	36	14	22	1	--	14	2
Ind., Ill., Ky.	1,184	488	696	6	100	341	38
Minn., Wis., Daks.	162	105	57	1	19	59	6
Okla., Kans., Mo.	446	256	190	8	6	182	13
DISTRICT 2 TOTAL	1,828	863	965	16	125	596	59
Inland Texas	265	118	147	25	22	118	18
Texas Gulf Coast	1,602	716	886	50	211	677	217
La. Gulf Coast	1,026	390	636	6	181	392	61
N. La. and Ark.	50	24	26	8	--	44	7
New Mexico	41	22	19	10	2	24	1
DISTRICT 3 TOTAL	2,984	1,270	1,714	99	416	1,255	304
DISTRICT 4 TOTAL	238	145	93	11	23	115	10
DISTRICT 5 TOTAL	992	430	562	42	223	345	255
TOTAL U.S.	6,628	2,928	3,700	203	821	2,591	723
TOTAL U.S. Weeks Ended:							
AUG. 5, 1983	6,598	2,854	3,744	193	781	2,536	738
AUG. 13, 1982	6,421	*N/A*	*N/A*	224	758	2,537	983
DISTRICTS 1-4 Weeks Ended:							
AUG. 12, 1983	5,636	2,498	3,138	161	598	2,246	468
AUG. 5, 1983	5,497	2,412	3,085	150	547	2,205	476
AUG. 13, 1982	5,507	*N/A*	*N/A*	167	539	2,211	675

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 12, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,455	2,755	2,699	1	102	795	9,974	1,518	--
Central Atlantic	29,142●	12,652●	12,540●	3,950	347	4,765	29,212●	17,673	12,726
Lower Atlantic	29,262	15,094	13,843	325	115	3,205	14,255	3,536	581
DISTRICT 1 TOTAL	63,859●	30,501●	29,082●	4,276	564	8,765	53,441●	22,727	13,307
DISTRICT 2 TOTAL	62,158	29,358	25,333	7,467	1,646	7,536	33,506	3,408	17,982
DISTRICT 3 TOTAL	63,821	24,021	22,276	17,524	3,130	9,985	33,259	12,903	49,179
DISTRICT 4 TOTAL	6,182	3,149	1,621	1,412	315	779	3,045	555	2,573
DISTRICT 5 TOTAL	31,092	10,187	11,758	9,147	1,460	6,113	11,317	7,743	24,987
TOTAL U.S.	227,112	97,216	90,070	39,826	7,115	33,178	134,568	47,336	108,028
TOTAL U.S. **Weeks Ended:**									
AUG. 5, 1983	225,706●	96,208●	90,215●	39,283	7,047	33,870	129,384●	47,566	107,764
AUG. 13, 1982	226,635	*N/A*	91,482	*N/A*	5,676	35,223	152,665	52,943	115,948
DISTRICTS 1-4 **Weeks Ended:**									
AUG. 12, 1983	196,020	87,029	78,312	30,679	5,655	27,065	123,251	39,593	83,041
AUG. 5, 1983	195,645●	86,196●	78,154●	31,295	5,466	27,425	117,921●	39,129	82,506
AUG. 13, 1982	198,695	*N/A*	81,243	*N/A*	4,274	28,992	142,578	45,438	92,047

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

● *SEE REVISIONS ON PAGE* 8.
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 12, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *MAR* 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
AUG. 12, 1983	5,882.5	5,845.0	3,196	213	258,354
AUG. 5, 1983	5,876.0●	--	2,997	400	260,744
JUL. 29, 1983	5,876.0●	--	3,811	278	261,234
JUL. 22, 1983	5,876.0●	--	3,459	342	264,323
DISTRICT 5 TOTAL					
AUG. 12, 1983	2,809.0	2,820.0	404	25	83,033 *
AUG. 5, 1983	2,819.0●	--	217	12	83,232
JUL. 29, 1983	2,819.0●	--	339	7	86,684
JUL. 22, 1983	2,819.0●	--	444	7	80,916
TOTAL U.S.					
AUG. 12, 1983	8,691.5	8,665.0	3,600	238	341,387 *
AUG. 5, 1983	8,695.0●	--	3,214	412	343,976
JUL. 29, 1983	8,695.0●	--	4,150	285	347,918
JUL. 22, 1983	8,695.0●	--	3,903	349	345,239
AUG. 13, 1982	8,620.3/*A*	--	3,744	345	351,546

*INCLUDES 26,088 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR AUGUST 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
AUG. 12, 1983	14,847	75,190	154,619	13,698	258,354	83,033 *	341,387 *
AUG. 5, 1983	15,171	77,276	154,785	13,512	260,744	83,232	343,976
AUG. 13, 1982	21,011	71,895	156,750	13,508	263,164	88,382	351,546

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended *AUGUST* 12, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	36●	36●	--	--	--	--	--	6	--	--	42●
Central Atlantic	95●	28●	67	--	16	194●	442	7	169	99	1,022●
Lower Atlantic	78	44	34	--	--	--	157	--	--	--	235
DISTRICT 1 TOTAL											
AUG. 12, 1983	209	108	101	--	16	194	599	13	169	99	1,299
AUG. 5, 1983	119●	59●	60	--	5	376●	572	11	119	156	1,458●
JUL. 29, 1983	234	105	129	--	20	220	674	11	12	78	1,249
JUL. 22, 1983	176	88	88	--	--	212	545	11	10	102	1,056
DISTRICTS 2–4 TOTAL											
AUG. 12, 1983	2	1	1	--	--	11	20	143	89	22	287
AUG. 5, 1983	--	--	--	--	--	4	24	157	234	5	424
JUL. 29, 1983	--	--	--	--	4	4	19	159	102	12	300
JUL. 22, 1983	17	8	9	--	4	18	41	95	234	65	474
DISTRICT 5 TOTAL											
AUG. 12, 1983	27	18	9	--	--	6	47	56	2	10	148
AUG. 5, 1983	30	23	7	--	10	7	19	16	3	5	90
JUL. 29, 1983	44	37	7	--	1	5	16	16	3	5	90
JUL. 22, 1983	35	27	8	--	--	5	17	19	--	5	81
TOTAL U.S.	238	127	111	--	16	211	666	212	260	131	1,734
TOTAL U.S. Weeks Ended:											
AUG. 5, 1983	149●	82●	67	--	15	387●	715	184	356	166	1,972●
JUL. 29, 1983	278	142	136	--	25	229	709	186	117	95	1,639
JUL. 22, 1983	228	123	105	--	4	235	603	125	244	172	1,611
AUG. 13, 1982	211	*N/A*	96	16	38	71	642	187	135	18	1,321

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

● *SEE REVISIONS ON PAGE 8*

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Departmen based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42—gallon barrels)

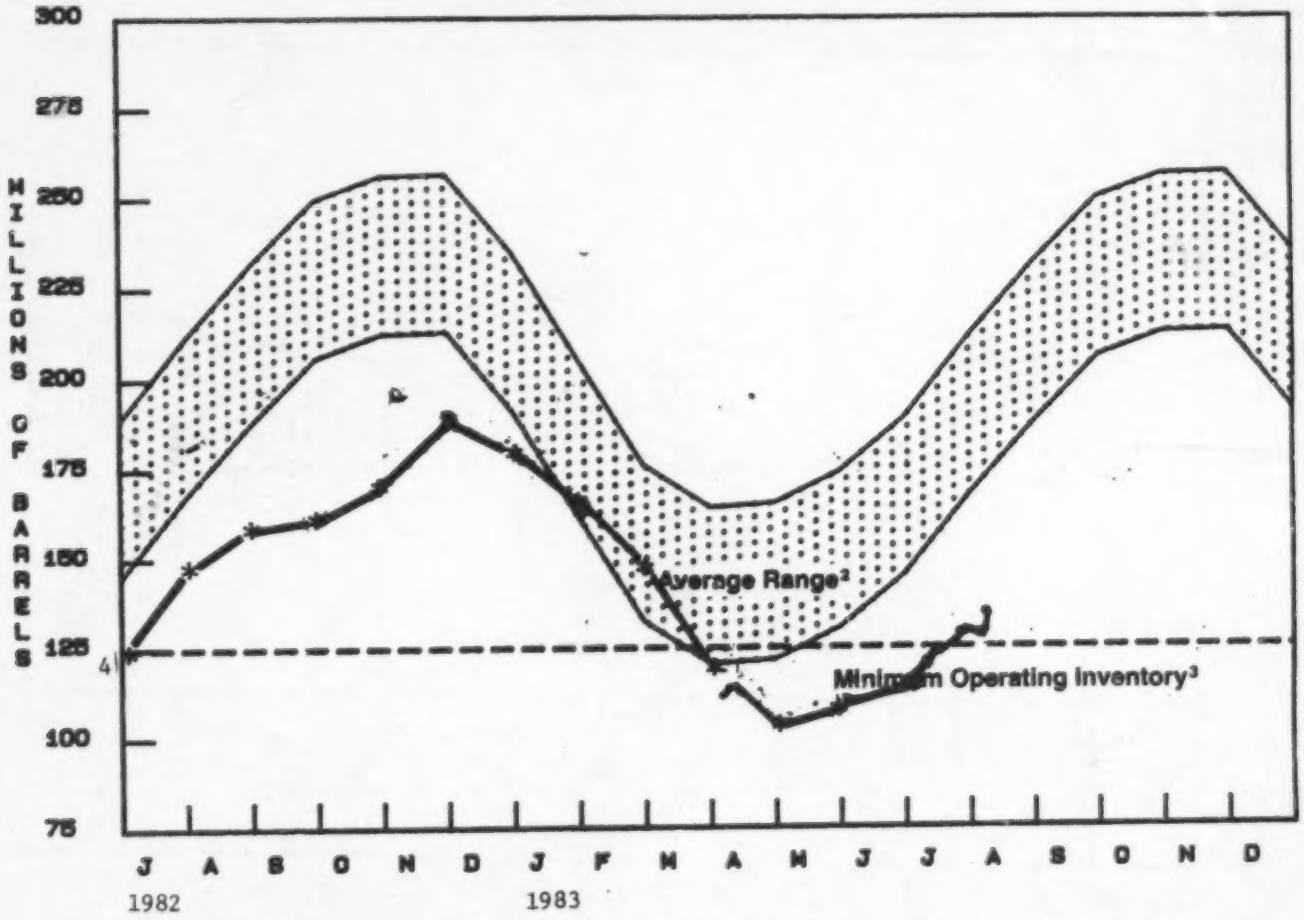
	API Estimated Production		Dept. of Energy
	July 1983	June 1983	Mar. 1983
Florida	62.0	63.0	62.0
New York-Pennsylvania	14.0	14.0	14.0
Virginia	-	-	-
West Virginia	8.0	8.0	12.0
Illinois	82.0	82.0	83.0
Indiana	16.0	16.0	11.0
Kansas	200.0	199.0	196.0
Kentucky	23.0	23.0	23.0
Michigan	90.0	90.0	84.0
Missouri-Tennessee	4.0	4.0	4.0
Nebraska	18.0	18.0	17.0
Ohio	40.0	40.0	40.0
Oklahoma	435.0	435.0	443.0
North Dakota	142.0	142.0	143.0
South Dakota	3.0	3.0	3.0
Alabama	54.0	55.0	52.0
Arkansas	52.0	52.0	52.0
Mississippi	86.0	86.0	86.0
New Mexico-So. East	186.0	187.0	190.0
New Mexico-Other	14.0	14.5	17.0
North Louisiana	95.0	95.0	94.0
South Louisiana	1,205.0	1,205.0	1,180.0
Total Louisiana	1,300.0	1,300.0	1,274.0
Texas			
District 1	67.0	67.0	67.0
District 2	110.0	109.0	110.0
District 3	365.0	369.0	362.0
District 4	75.0	78.0	75.0
District 5	24.0	21.0	24.0
District 6, East Texas Field	143.0	142.0	143.0
Other	114.0	114.0	116.0
District 7-B	91.0	92.0	91.0
District 7-C	95.0	98.0	95.0
District 8 and 8-A	1,252.0	1,259.0	1,252.0
District 9	105.0	105.0	105.0
District 10	57.0	58.0	57.0
Total Texas	2,498.0	2,512.0	2,497.0
Colorado	82.0	82.0	78.0
Montana	82.0	83.0	79.0
Utah	64.0	64.0	64.0
Wyoming	321.0	321.0	321.0
Total Dists. 1-4	5,876.0	5,893.5	5,845.0
Alaska	1,707.0	1,684.5	1,732.0
Arizona	1.0	1.0	1.0
California	1,109.0	1,106.5	1,085.0
Nevada	2.0	2.0	2.0
Total Dist. 5	2,819.0	2,794.0	2,820.0
Total U.S.	8,695.0	8,687.5	8,665.0

REVISIONS

8/05/83	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	29,827
			DISTRICT 1 TOTAL	63,757
			TOTAL U.S.	225,706
			DISTRICTS 1-4	195,645
		LEADED MGAS	CENTRAL ATLANTIC	12,516
			DISTRICT 1 TOTAL	30,593
			TOTAL U.S.	96,208
			DISTRICTS 1-4	86,196
		UNLEADED MGAS	CENTRAL ATLANTIC	13,219
			DISTRICT 1 TOTAL	28,756
			TOTAL U.S.	90,215
			DISTRICTS 1-4	78,154
		DISTILLATE FUEL	CENTRAL ATLANTIC	27,336
			DISTRICT 1 TOTAL	50,302
			TOTAL U.S.	129,384
			DISTRICTS 1-4	117,921
	PAGE 5	TOTAL MGAS	NEW ENGLAND	68
			CENTRAL ATLANTIC	4
			DISTRICT 1 TOTAL	119
			TOTAL U.S.	149
		LEADED MGAS	NEW ENGLAND	28
			CENTRAL ATLANTIC	4
			DISTRICT 1 TOTAL	59
			TOTAL U.S.	82
		DISTILLATE (INC. NO. 4)	CENTRAL ATLANTIC	376
			DISTRICT 1 TOTAL	376
			TOTAL U.S.	387
		TOTAL	NEW ENGLAND	161
			CENTRAL ATLANTIC	1,205
			DISTRICT 1 TOTAL	1,458
			TOTAL U.S.	1,972

Week Ended August 12, 1983

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

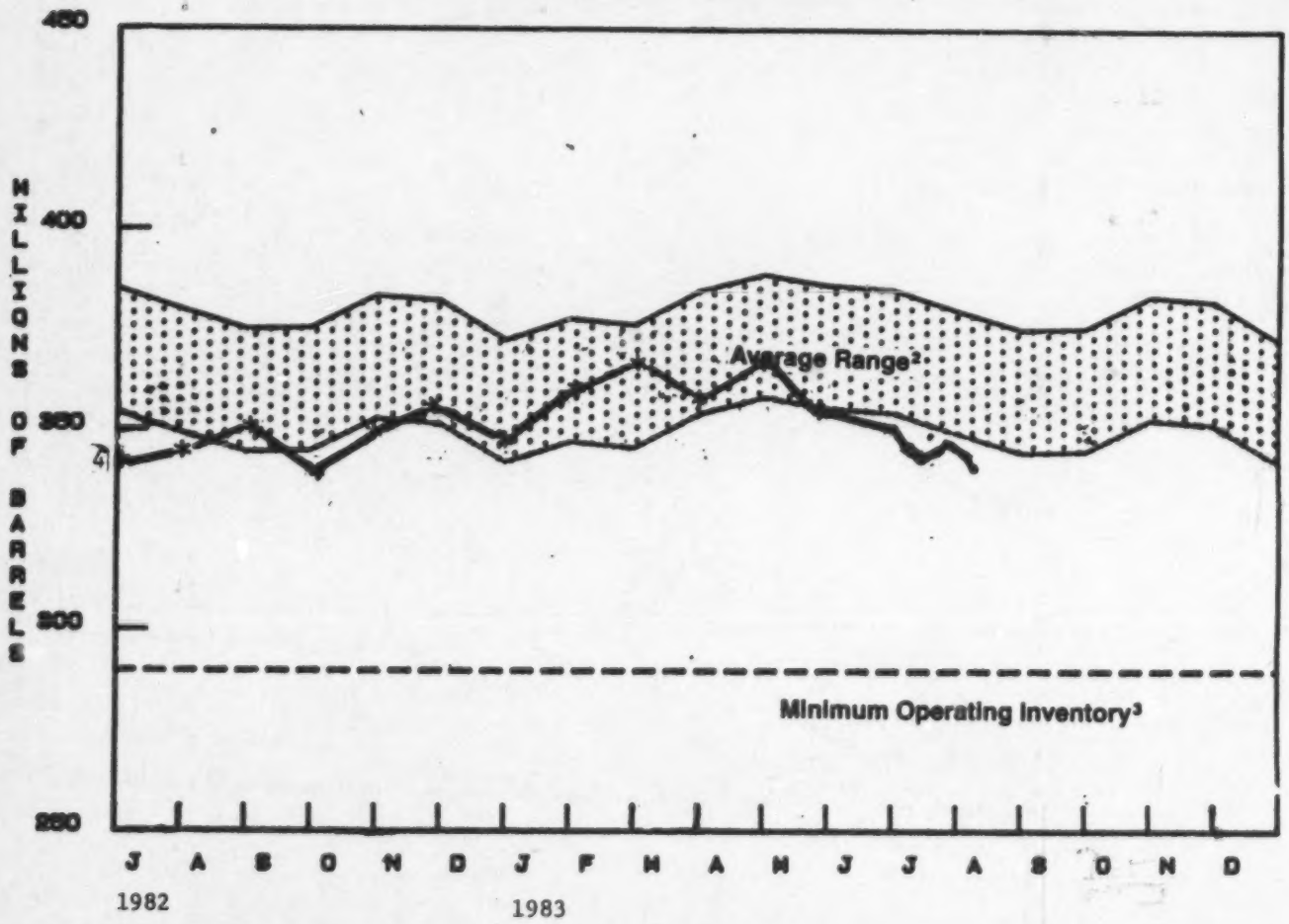
[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
●— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

PAGE 10

Week Ended August 12, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

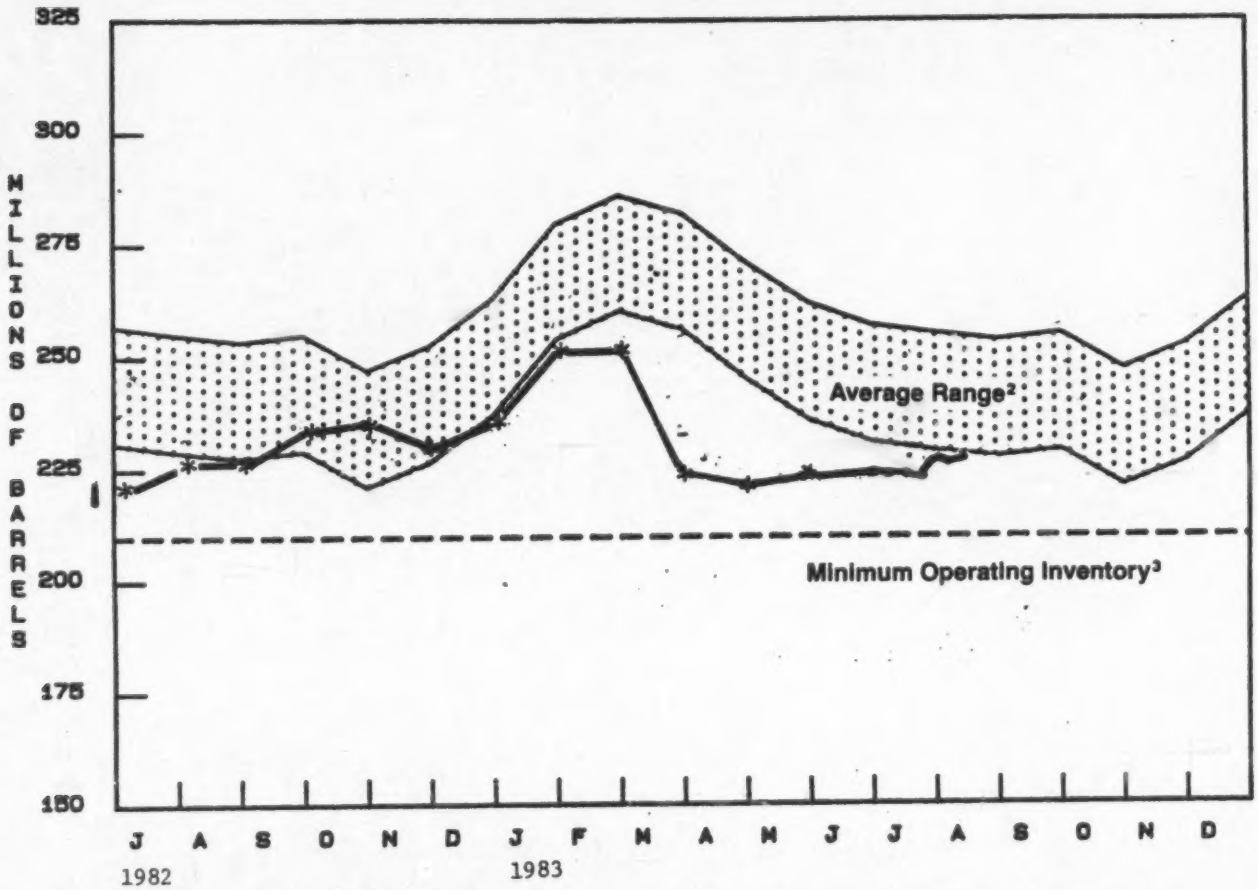
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended August 12, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.